**D26:** Find the brand name of a drug

This query is designed to accept a drug concept (both clinical and branded) as input and return a the brand name (or branded ingredient) associated with it. The query is useful to check for a brand names associated with a clinical drug. Drug concepts can be obtained using queries [G03](http://vocabqueries.omop.org/general-queries/g3) or [D02](http://vocabqueries.omop.org/drug-queries/d2).

**Sample query:**

SELECT A.Concept\_Id drug\_concept\_id,

A.Concept\_Name drug\_name,

A.Concept\_Code drug\_concept\_code,

A.concept\_class\_id drug\_concept\_class\_id,

D.Concept\_Id brand\_concept\_id,

D.Concept\_Name brand\_name,

D.Concept\_Code brand\_concept\_code,

D.concept\_class\_id brand\_concept\_class\_id

FROM concept\_relationship CR003,

concept A,

concept\_relationship CR007,

concept\_relationship CR006,

concept D

WHERE CR003.relationship\_ID = 'Has tradename'

AND CR003.concept\_id\_1 = A.concept\_id

AND lower(A.concept\_class\_id) = 'clinical drug'

AND CR007.concept\_id\_2 = CR003.concept\_id\_2

AND CR007.relationship\_ID = 'Constitutes'

AND CR007.concept\_id\_1 = CR006.concept\_id\_1

AND CR006.relationship\_ID = 'RxNorm has ing'

AND CR006.concept\_id\_2 = D.concept\_id

AND lower(D.concept\_class\_id) = 'branded name'

AND A.concept\_Id = 939355

AND sysdate BETWEEN CR006.VALID\_START\_DATE AND CR006.VALID\_END\_DATE

UNION ALL

SELECT A.Concept\_Id drug\_concept\_id,

A.Concept\_Name drug\_name,

A.Concept\_Code drug\_concept\_code,

A.concept\_class\_id drug\_concept\_class\_id,

D.Concept\_Id brand\_concept\_id,

D.Concept\_Name brand\_name,

D.Concept\_Code brand\_concept\_code,

D.concept\_class\_id brand\_concept\_class\_id

FROM concept A,

concept\_relationship CR007,

concept\_relationship CR006,

concept D

WHERE lower(A.concept\_class\_id) = 'branded drug'

AND CR007.concept\_id\_2 = A.concept\_id

AND CR007.relationship\_ID = 'Constitutes'

AND CR007.concept\_id\_1 = CR006.concept\_id\_1

AND CR006.relationship\_ID = 'RxNorm has ing'

AND CR006.concept\_id\_2 = D.concept\_id

AND lower(D.concept\_class\_id) = 'branded name'

AND A.concept\_Id = 939355

AND sysdate BETWEEN CR006.VALID\_START\_DATE AND CR006.VALID\_END\_DATE

**Input:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **Example** | **Mandatory** | **Notes** |
| Drug Concept ID | 939355 | Yes | Can be both clinical and branded drug concepts |
| As of date | Sysdate | No | Valid record as of specific date. Current date – sysdate is a default |

**Output:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| Drug\_Concept\_ID | Concept ID of drug (clinical/generic or branded) |
| Drug\_Name | Name of drug |
| Drug\_Concept\_Code | Concept code of the drug |
| Drug\_Concept\_Class | Concept class of drug |
| Brand\_Concept\_ID | Concept ID of the brand name (or branded ingredient) |
| Brand\_name | Name of the brand name |
| Brand\_Concept\_code | Concept code of the brand name |
| Brand\_Concept\_class | Concept Class of the brand name |

**Sample output record:**

|  |  |
| --- | --- |
| **Field** | **Value** |
| Drug\_Concept\_ID | 19102189 |
| Drug\_Name | Omeprazole 20 MG Enteric Coated Tablet |
| Drug\_Concept\_Code | 402014 |
| Drug\_Concept\_Class | Clinical Drug |
| Brand\_Concept\_ID | 19045785 |
| Brand\_name | Prilosec |
| Brand\_Concept\_code | 203345 |
| Brand\_Concept\_class | Brand Name |